GOVERNMENT OF INDIA
WATER RESOURCES, RIVER DEVELOPMENT AND GANAGA REJUVENATION
LOK SABHA

UNSTARRED QUESTION NO:692
ANSWERED ON:28.04.2016
Real Time Data for Flood Forecast
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Will the Minister of WATER RESOURCES, RIVER DEVELOPMENT AND GANAGA REJUVENATION be pleased to state:

(a) whether climate change, frequent extreme weather events and an increasingly unpredictable monsoon is impacting millions each year in the country;
(b) if so, whether there is any proposal to set up a centralised system for providing real-time data for flood forecasts, water resources assessment and drought management;
(c) if so, the details thereof;
(d) the time by which a final decision is likely to be taken by the Government in this regard; and
(e) the extent to which the project is likely to help in the development of real time flood forecasting?

Answer

THE MINISTER OF STATE FOR WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION
(PROF. SANWAR LAL JAT)
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(a) The frequent extreme weather events and erratic monsoon pattern observed in the recent past have affected huge population in concerned areas.
(b) to (e) The Central Water Commission under this Ministry maintains a network of 878 stations for collection of flood information and issues flood forecasts to 176 stations located on major rivers and their tributaries in the country. In December, 2015, the Ministry has approved the scheme of "Flood Forecasting" at a cost of Rs. 281 crore for implementation in XII Plan. The scheme envisages modernisation of its existing network and provision of an additional 100 flood forecasting stations for real-time flood forecasting.
Besides, the Ministry has taken up National Hydrology Project (NHP) & setting up of National Water Informatics Centre (NWIC) at New Delhi. The NHP envisages setting up of a system for timely and reliable water resources data acquisition, storage, collation and management. It will help in gathering hydro-metrological data for analysis on a real time basis.
The National Water Informatics Centre (NWIC) shall provide a 'Single Window' source of updated data on water resources & allied themes including real time data as per availability; and provide value added products and services to all stake holders for its management and sustainable development for the benefit of all communities across the nation.
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